

AMENDMENTS TO THE CLAIMS

1-15. (Withdrawn From Consideration)

16. (Cancelled)

17. (Currently Amended) The tool as set forth in Claim ~~16~~ 26, wherein:

said means fixedly mounted upon said base fixture for engaging said electrical connector so as to precisely locate and laterally immobilize said electrical connector upon said base fixture comprises a plurality of locator pins for engaging grooved sections of said electrical connector.

18. (Currently Amended) The tool as set forth in Claim ~~16~~ 26, wherein:

said means fixedly mounted upon said base fixture for engaging said electrical connector so as to precisely locate and laterally immobilize said electrical connector upon said base fixture comprises a header having a plurality of pins wherein first portions of said plurality of pins operatively engage said electrical connector.

19. (Original) The tool as set forth in Claim 18, wherein:

said plurality of pins of said header comprise second portions for electrical connection to testing equipment by means of which the proper electrical connection between the electrical wires and said electrical contact members of said electrical connector can be verified.

20. (Currently Amended) The tool as set forth in Claim ~~16~~ 26, further comprising:

a retainer mounted upon said insertion die holder for engaging and retaining said electrical connector upon said base fixture while said set of insertion dies are being moved toward said electrical connector during insertion of the electrical wires into said electrical connector, and for engaging and retaining said electrical connector upon said base fixture while said set of insertion dies are being moved away from said electrical connector after said set of insertion dies have inserted the electrical wires into said electrical connector.

21-25. (Withdrawn From Consideration)

26. (New) A tool for inserting a plurality of electrical wires into an electrical connector for mating with a plurality of electrical contact members fixedly mounted within the electrical connector, comprising:

a base fixture upon which an electrical connector is to be installed;

an insertion die holder upon which a set of insertion dies is mounted for encountering and forcing the plurality of electrical wires into the electrical connector;

a driving assembly for moving said insertion die holder toward said base fixture so as to cause said set of insertion dies mounted upon said insertion die holder to force the plurality of electrical wires into the electrical connector and mate with the electrical contact members of the electrical connector; and

means fixedly mounted upon said base fixture for engaging said electrical connector so as to precisely locate and laterally immobilize said electrical connector upon said base fixture such that said set of insertion dies can accurately insert the electrical wires into said electrical connector.